

DERWENT-ACC-NO: 1995-309610
DERWENT-WEEK: 199540
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TITLE: Prepn. of high stretch knitting fabric for clothing
- comprises mixing,
by plating stitch, thermally extendable poly:ester(s) and
poly:ether-ester(s)
followed by shrinking

PATENT-ASSIGNEE: UNITIKA LTD[NIRA]

PRIORITY-DATA: 1993JP-0352138 (December 31, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 07207551 A	August 8, 1995	N/A
006	D04B 001/16	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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JP 07207551A	N/A	1993JP-0352138
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INT-CL (IPC): D01F006/62; D04B001/16 ; D06C007/00

ABSTRACTED-PUB-NO: JP 07207551A

BASIC-ABSTRACT: Prepn. of a high stretch knitting fabric
comprises using a
thread composed of thermally-extendable polyester based
fibre (A) and one
composed of thermally extendable polyester based fibre (B),
and knitting so as
to locate (A) in the outside of the knitted loop located
(B) on the inside by
plating stitch, thereafter shrinking it.

USE - The high stretch knitting fabric is useful for
clothing.

ADVANTAGE - The high stretch knitting fabric is flexible.
Since the thermal
extendable polyester based fibre (A) and a polyether ester

elastic fibre (B) is used as separate thread and is knitted, even by applying heat treatment to the knitting fabric by dyeing etc. a scar of the fibre (B) by extension of the fibre hardly occurs and lowering of high stretch property of the resulting knitting fabric is prevented. Since (B) is hardly on the surface of the knitting fabric, good handling touch by (A) can be realised. Both threads can be dyed with disperse dye to approximately the same degree. Thus, a knitting fabric having good hue is obtained.

CHOSEN-DRAWING: Dwg.2/2

TITLE-TERMS:

PREPARATION HIGH STRETCH KNIT FABRIC CLOTHING COMPRISE MIX
PLATE STITCH THERMAL
EXTEND POLY ESTER POLY ETHER ESTER FOLLOW SHRINK

DERWENT-CLASS: A23 F04

CPI-CODES: A05-E01B1; A05-E09; A11-B02E; A12-C03; A12-S05H;
F02-E02; F02-B03B;
F02-G04A; F03-A02; F04-C; F04-F01;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

017 ; P0839*R F41 D01 D63 ; S9999 S1263 S1070 ; S9999
S1172 S1161
S1070

Polymer Index [1.2]

017 ; ND07 ; B9999 B3907 B3838 B3747 ; B9999 B5538
B5505 ; N9999
N6019 N6008 ; Q9999 Q7056*R ; B9999 B4035 B3930 B3838
B3747 ; N9999
N6177*R ; B9999 B5356 B5276 ; K9927 ; N9999 N5787*R
N5765

Polymer Index [1.3]

017 ; A999 A099 A077

Polymer Index [2.1]

017 ; P0953 P0839 P0964 H0260 F34 F41 D01 D63 ; S9999
S1263 S1070
; S9999 S1172 S1161 S1070

Polymer Index [2.2]

017 ; ND07 ; B9999 B3907 B3838 B3747 ; B9999 B5538

B5505 ; N9999

N6019 N6008 ; Q9999 Q7056*R ; B9999 B4035 B3930 B3838
B3747 ; N9999

N6177*R ; B9999 B5356 B5276 ; K9927 ; N9999 N5787*R
N5765

Polymer Index [2.3]

017 ; B9999 B3930*R B3838 B3747

Polymer Index [2.4]

017 ; A999 A099 A077

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-138151